

Title (en)

SYSTEMS AND METHODS FOR SELF-SENSING MOBILE MEDICAL DEVICES TO AUTO-CORRECT AN OUTPUT

Title (de)

SYSTEME UND VERFAHREN FÜR SELBSTMESSENDE MOBILE MEDIZINISCHE VORRICHTUNGEN ZUR AUTOMATISCHEN KORREKTUR EINER AUSGABE

Title (fr)

SYSTÈMES ET PROCÉDÉS PERMETTANT DE DÉTECTER AUTOMATIQUEMENT DES DISPOSITIFS MÉDICAUX MOBILES POUR CORRIGER AUTOMATIQUEMENT UNE SORTIE

Publication

**EP 4315359 A1 20240207 (EN)**

Application

**EP 22718650 A 20220325**

Priority

- US 202163169272 P 20210401
- EP 2022058022 W 20220325

Abstract (en)

[origin: WO202207516A1] A medical device (10) includes a medical component (12); at least one environmental sensor (14, 14E); an electronic processor (20); and a non-transitory computer readable medium (26). The non-transitory computer readable medium (26) stores: device operational instructions executable by the electronic processor (20) to control the medical component to perform a medical function respective to a medical subject; an operating specification (30) for the medical device; and device monitoring instructions executable by the electronic processor (20) to: receive a measurement of at least one environmental parameter from the at least one environmental sensor; and output an alert (32) about the performance of the medical function respective to the medical subject if the measurement of the at least one environmental parameter is outside of the operating specification for the medical device.

IPC 8 full level

**G16H 40/63** (2018.01); **A61B 5/00** (2006.01); **G16H 30/20** (2018.01)

CPC (source: EP US)

**A61B 5/7296** (2013.01 - EP); **A61B 8/06** (2013.01 - US); **A61B 8/461** (2013.01 - US); **A61B 8/488** (2013.01 - US); **A61B 8/54** (2013.01 - US); **G16H 30/40** (2017.12 - US); **G16H 40/63** (2017.12 - EP); **G16H 50/20** (2017.12 - US); **A61B 2560/0252** (2013.01 - EP); **G16H 30/20** (2017.12 - EP)

Citation (search report)

See references of WO 202207516A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

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DOCDB simple family (application)

**EP 2022058022 W 20220325**; CN 202280026404 A 20220325; EP 22718650 A 20220325; US 202218283842 A 20220325